

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 03/03476

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D06M11/79 D06M11/17 D06M15/643 C11D3/12 C11D17/00  
C11D17/06 D06M23/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D06M C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/83662 A (HENKEL KGAA ; LANGE ILONA (DE); ZUECHNER LARS (DE); PENNINGER JOSEF (D) 8 November 2001 (2001-11-08) page 3, line 1 - page 4, line 11 page 16, line 19 - line 28 page 25, line 11 - line 28 examples	1-9, 11, 13-20
X	WO 02/14409 A (BENDER HOLGER ; HELLER MELITA (DE); HENKEL KGAA (DE); KROPF CHRISTIAN) 21 February 2002 (2002-02-21) page 1, line 5 - line 16 page 4, line 17 - line 25 page 6, line 26 - page 8, line 12 page 9, line 27 - page 10, line 6 page 25, line 22 - page 26, line 17 ----- -/--	1-6, 8, 9, 11-15, 17, 18

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the International filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

27 April 2004

Date of mailing of the International search report

04/05/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Flocco, M

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 03/03476

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94/28099 A (PROCTER & GAMBLE ; ANGELL ADRIAN JOHN WAYNFORTH (BE); DORSET ANDREW (G) 8 December 1994 (1994-12-08) page 1 page 4, line 1 - line 16 page 17, line 22 - page 18, line 17 examples	1-6,9, 11,12, 14-20
X	WO 01/75216 A (SCHOELLER TEXTIL AG ; KLAUS ALFRED (CH); MARTE WALTER (CH); MEYER ULRI) 11 October 2001 (2001-10-11) examples 2,4,7,8	1-3,5,6, 11,12, 14-19
X	WO 02/064877 A (PROCTER & GAMBLE) 22 August 2002 (2002-08-22) page 36, line 15 - line 33 examples	1-5,9, 10,14-20

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE 03/03476

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0183662	A	08-11-2001	DE 10021726 A1 AU 5837601 A WO 0183662 A1 EP 1280878 A1 JP 2003531952 T US 2004023824 A1	15-11-2001 12-11-2001 08-11-2001 05-02-2003 28-10-2003 05-02-2004
WO 0214409	A	21-02-2002	DE 10039671 A1 AU 8978701 A WO 0214409 A1	07-03-2002 25-02-2002 21-02-2002
WO 9428099	A	08-12-1994	EP 0627484 A1 WO 9428099 A1	07-12-1994 08-12-1994
WO 0175216	A	11-10-2001	AU 4221101 A WO 0175216 A1 EP 1268919 A1 EP 1269535 A1 JP 2003529673 T	15-10-2001 11-10-2001 02-01-2003 02-01-2003 07-10-2003
WO 02064877	A	22-08-2002	BR 0206737 A CA 2433059 A1 EP 1356152 A2 WO 02064877 A2 US 2002150678 A1 US 2002160159 A1 US 2002192366 A1 US 2002151634 A1 US 2004052957 A1	03-02-2004 22-08-2002 29-10-2003 22-08-2002 17-10-2002 31-10-2002 19-12-2002 17-10-2002 18-03-2004